

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

503.30414C19

SERIAL NO.

09/725257

APPLICANT  
KATO, et al.

FILING DATE  
November 29, 2000

GROUP  
3749



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAW	3 6 5 2 4 4 4	3-72	Lester, et al.			
	3 9 8 1 7 9 1	9-76	Rosvold			
	4 2 2 6 8 9 7	10-80	Coleman			
	4 3 1 1 4 2 7	1-82	Coad, et al.			
	4 3 1 3 8 1 5	2-82	Graves, Jr. et al.			
	4 4 4 9 8 8 5	5-84	Hertel, et al.			
	4 4 5 7 6 6 1	7-84	Flint, et al.			
	4 5 3 4 3 1 4	8-85	Ackley			
	4 5 6 3 2 4 0	1-86	Shibata, et al.			
	4 6 3 4 3 3 1	1-87	Hertel			
✓	4 7 0 5 9 5 1	11-87	Layman, et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PAW	6 2 8 9 8 8 1	4-87	Japan			X	
	6 2 2 0 7 8 6 6	9-87	Japan			X	
	1 3 1 9 7 0	2-89	Japan			X	
	1 3 1 9 7 1	2-89	Japan			X	
	6 3 6 5 8 2	1-89	Japan			X	
✓	1 1 3 5 0 1 5	5-89	Japan			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PAW	R.P.H. Chang, "Multipurpose plasma reactor for materials research and processing", J. Vac. Sci. Technol., Vol. 14, No. 1, Jan./Feb. 1977, pages 278-280.

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	4 8 5 1 1 0 1	7-89	Hutchinson			
	4 8 3 6 7 3 3	6-89	Hertel, et al.			
	4 8 3 6 9 0 5	6-89	Davis, et al.			
	4 8 9 5 1 0 7	1-90	Yano, et al.			
	4 9 0 2 9 3 4	2-90	Miyamura, et al.			
	4 9 0 3 9 3 7	2-90	Jakuniec, et al.			
	4 9 0 9 6 9 5	3-90	Hurwitt, et al.			
	4 9 1 1 5 9 7	3-90	Maydan, et al.			
	4 9 1 5 5 6 4	4-90	Error, et al.			
	4 9 1 7 5 5 6	4-90	Stark, et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
PAW	2 6 5 2 5 2	3-90	Japan		X
PAW	6 4 1 2 0 3 7	1-89	Japan		X

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PAW	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
	5 2 9 2 3 9 3	3-94	Maydan, et al.			
	5 4 5 2 1 6 6	9-95	Aylwin, et al.			
	5 5 0 4 0 3 3	4-96	Bajor, et al.			
	5 5 0 4 3 4 7	4-96	Jovanovic, et al.			
	5 5 5 6 7 1 4	9-96	Fukuyama, et al.			
	5 6 5 1 8 5 8	7-97	Lin			
	5 6 7 5 4 6 1	10-97	Aylwin, et al.			
	4 3 1 3 7 8 3	2-82	Davies, et al.			
	4 3 1 8 7 6 7	3-82	Hijkata, et al.			

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PAW	4 9 2 4 8 9 0	5-90	Giles, et al.	134	902	
	4 9 3 6 3 2 9	6-90	Michael, et al.	134	902	
	5 0 1 4 2 1 7	5-91	Savage	364	550	
	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
	4 1 3 8 3 0 6	2-79	Niwa	156	345	
	4 5 7 6 6 9 8	3-86	Gallagher, et al.	204	192	
	5 0 1 4 2 1 7	5-91	Savage	364	498	
	5 3 5 1 4 1 5	10-94	Brooks, et al.	34	389	
	4 6 4 3 6 2 9	2-87	Takahashi, et al.	414	331	
	4 8 2 4 3 0 9	4-89	Takehi, et al.	414	217	
	4 9 5 1 6 0 1	8-90	Maydan, et al.	414	217X	

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PAW	2 0 3 8 1 3 3 8	5-90	Europe				
	6 4 1 2 0 3 7	1-89	Japan				
	4 3 0 5 4 9	4-92	Japan				
	8 7 0 7 3 0 9	5-87	PCT Int'l Appl.				
	2 9 4 6 4 7	4-90	Japan				
	6 0 2 4 6 6 3 5	12-85	Japan				

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↓	5 4 6 2 3 9 7	10-95	Iwabuchi	414	222	
	5 6 8 5 6 8 4	11-97	Kato, et al.	414	217	
	4 9 2 3 5 8 4	5-90	Bramhall, et al.			
↓	5 4 3 6 8 4 8	7-95	Nishida, et al.			

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